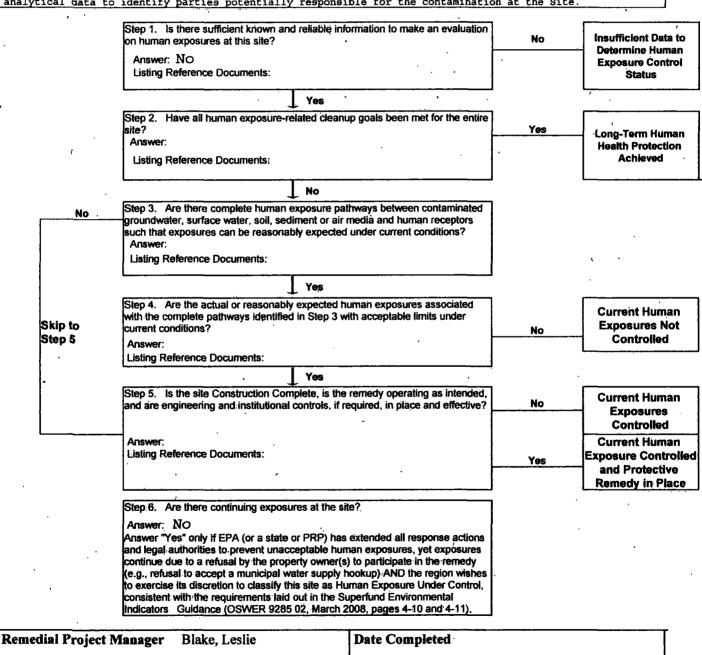# Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: **KEYSTONE CORRIDOR GROUND WATER CONTAMINATION**   EPA ID: **INN000510399**

HE Survey Status: **Insufficient Data to Determine Human Exposure Control Status**

Estimated Under Control Date (if not under control):

Estimated Date for Sufficient Information to make a HE Determination (if HEID): **12/31/16**

Estimated LTHHP Control Date (if not under control):

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

As of June 2014, there is insufficient information to determine the site-wide Human Exposure Control status at the Keystone Corridor Ground Water Contamination Superfund site. EPA is currently reviewing analytical data to identify parties potentially responsible for the contamination at the Site.

Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site?

Answer: No
Listing Reference Documents:

→ **No** → Insufficient Data to Determine Human Exposure Control Status

↓ **Yes**

Step 2. Have all human exposure-related cleanup goals been met for the entire site?
Answer:
Listing Reference Documents:

→ **Yes** → Long-Term Human Health Protection Achieved

↓ **No**

Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?
Answer:
Listing Reference Documents:

No → **Skip to Step 5**

↓ **Yes**

Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions?
Answer:
Listing Reference Documents:

→ **No** → Current Human Exposures Not Controlled

↓ **Yes**

Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?

Answer:
Listing Reference Documents:

→ **No** → Current Human Exposures Controlled

→ **Yes** → Current Human Exposure Controlled and Protective Remedy in Place

Step 6. Are there continuing exposures at the site?
Answer: No
Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).

Remedial Project Manager Blake, Leslie	Date Completed

Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

Site Name: **KEYSTONE CORRIDOR GROUND WATER CONTAMINATION**   EPA ID: **INN000510399**

GW Survey Status: **Insufficient Data to Determine Contaminated Groundwater Migration Control Status**

Estimated Under Control Date (if not under control):

Estimated Date for Sufficient Information to Make a GM Determination (if GMID): **12/31/16**

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

> The Keystone Corridor Ground Water Contamination Superfund site is considered "Insufficient Data for Contaminated Groundwater Migration Under Control" because it is not known if the migration of contaminated groundwater will remain within an existing area of contaminated groundwater as defined by monitoring locations.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes   → **No** → Stop, you do not need to complete the GM EI

↓ Yes

Insufficient Data/No

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

↓ Yes

Insufficient Data

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents: → **No** → **Contaminated Ground Water Migration Under Control**

↓ Yes

Insufficient Data

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Insufficient Data
Listing Reference Documents: → **No**

↓ Yes

Insufficient Data

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents: → **No**

↓ Yes

Insufficient Data

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents: → **No**

↓ Yes

Insufficient Data

Step 6. Will ground water monitoring/measurement data (and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents: → **No**

↓ Yes

Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status	Contaminated Ground Water Migration Under Control	Contaminated Ground Water Migration Not Under Control

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Remedial Project Manager **Blake, Leslie**	Date Completed